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Building Energy Efficiency in China - Status, Trends, Targets and Solutions

It is well accepted that the reduction of building energy consumption is one of the most effective actions for reducing the emission of CO₂ and to protection of energy resources world wide. Understanding and comparing the real building energy consumptions world wide will be very useful way to reach the final goal.

The lecture will give us the general view on the present building energy consumption performance in China together with the trends in the last decades. The characteristics on the building energy performance in different areas, rural area, urban area, residential and no-residential buildings will be discussed in detail and compared with the situation in other countries. Special attention will be paid to the large-scale commercial buildings.

A case study on the main factors that influence the building energy performance will be discussed. Projects and Policies associated with the actions on building energy efficiency in China will also be introduced at the end.